

SRIRAM ENGINEERING COLLEGE
DEPARTMENT OF CHEMICAL ENGINEERING
BEST STUDENT PROJECTS

S.NO	TITLE OF THE PROJECT	YEAR	CONTRIBUTION/OUTCOME/SOCIAL RELEVANCE
1	Bio fabrication of silver Nanoclusters from Residual Biomass of spirulina platensis, Its detection of cysteine and scale up	2019 -2020	National Institute of Technology (Trichy) – Novel silver nano clusters synthesis in extraction applications.
2	Configuration of poly lactic acid	2019 -2020	Poupure chemicals (Madhavaram) – Preparation of biodegradable polymers
3	Study and minimize the energy consumption in the air conditioning system by maintaining appropriate level of water quality	2019 -2020	CMRL(Chennai Metro Rail)-Energy consumption and water quality monitoring
4	Synthesis of CuO and Cu ₂ O nanomaterial for biological applications	2018 - 2019	University of Hyderabad – Synthesis of nano material for biological applications.
5	Oil storage tank and flare system	2018 - 2019	Petrokens Engineering and services Pvt Ltd-Design using novel software in commissioning a plant set up.
6	Fuel gas conditioning system	2018 - 2019	Petrokens Engineering and services Pvt Ltd - Design for gas conditioning system using aspen plus
7	Nutritional enhancement of edible oil by blending and study of its physico-chemical properties	2017-2018	Ruchi Soya Industries Ltd- Methods of enhancing edible oils and studying its properties and end usage.
8	A report on unit process development and scale up of new drug molecules in pharmaceutical industry	2017 - 2018	GVK Biosciences Ltd Hyderabad - Downstream processes in new drug preparation.
9	Clean in (CIP) of bioreactor in biopharma industry	2017-2018	Biotree India Private Ltd – Safety and Clean processes.

** PLS PROVIDE PHOTOGRAPHS WHEREVER AVAILABLE AND PROVIDE NAME OF INDUSTRY IF IT IS INDUSTRY SUPPORTED